

ABSTRACT OF THE DISCLOSURE

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B.1>

5 An enhanced visibility composition for implantation from a remote source, so that the composition can be readily observed under fluoroscopy or other imaging techniques. The compositions include a biocompatible matrix, such as a hard tissue implant material for example, and radiopaque particles mixed in the matrix. The radiopaque particles have a particle size between about 120 μ and 2200 μ , more preferably about 350 μ and 2200 μ , even more preferably between about 450 μ and 1600 μ , and most preferably between about 570 μ and 1150 μ . Preferably the hard tissue implant and the radiopaque particles are formed or prepared in a slurry.

10 Optionally, the enhanced visibility composition may further include additional radiopaque particles or contrast particles mixed in with the composition, which have a particle size between about 120 μ and 350 μ , preferably between about 120 μ and 250 μ .

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